

VERSION WITH MARKINGS TO SHOW CHANGES MADE

2. (amended) [Nucleic] The nucleic acid sequence or part thereof according to claim 1, [characterised in that] wherein the sequence has at least 80%[, preferably 90%, more preferably 95%] homology with the nucleic acid sequence as depicted in SEQ ID NO: 1.

4. (amended) [Nucleic] The nucleic acid sequence or part thereof according to claim 1, [characterised in that] wherein the sequence has at least 80%[, preferably 90%, more preferably 95%] homology with the nucleic acid sequence depicted in SEQ ID NO: 3.

6. (amended) [Recombinant] The recombinant DNA molecule comprising a nucleic acid sequence according to claims 1-4 [or a DNA fragment according to claim 5], under the control of a functionally linked promoter.

7. (amended) Live recombinant carrier comprising a DNA fragment according to claim 5 [or a recombinant DNA molecule according to claim 6].

10. (amended) The *Lawsonia intracellularis* protein according to claim 9, having a sequence homology of at least 80%[, preferably 90%, more preferably 95%] homology to the amino acid sequence as depicted in SEQ ID NO:2, or an immunogenic fragment of said protein.

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12. (amended) The *Lawsonia intracellularis* protein according to claim 11, having a sequence homology of at least 80%[, preferably 90%, or more preferably 95%] homology to the amino acid sequence as depicted in SEQ ID NO: 4, or an immunogenic fragment of said protein.

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